

=> d his

(FILE 'HOME' ENTERED AT 11:56:50 ON 18 MAY 2005)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 11:57:08 ON 18 MAY 2005
SEA TATAAC? AND (GLUTAMA?(S)DEHYDROGENAS? OR CITRAT?(S)SYNTH? O

0* FILE FEDRIP

6 FILE GENBANK

1277 FILE USPATFULL

91 FILE USPAT2

L1 QUE TATAAC? AND (GLUTAMA?(S) DEHYDROGENAS? OR CITRAT?(S) SYNTH?

FILE 'GENBANK' ENTERED AT 12:02:33 ON 18 MAY 2005

L2 6 S TATAAC? AND (GLUTAMA?(S)DEHYDROGENAS? OR CITRAT?(S)SYNTH? OR

L3 6 DUP REM L2 (0 DUPLICATES REMOVED)

FILE 'USPATFULL' ENTERED AT 12:06:50 ON 18 MAY 2005

L4 1277 S TATAAC? AND (GLUTAMA?(S)DEHYDROGENAS? OR CITRAT?(S)SYNTH? OR

L5 280 S L4 AND (CORYNEF? OR CORYNEBACT? OR GLUTAMICU?)

L6 280 DUP REM L5 (0 DUPLICATES REMOVED)

L7 280 S L6

L8 280 S L6

L9 255 S L6 AND GLUTAMI?(S)ACID?

L10 255 DUP REM L9 (0 DUPLICATES REMOVED)

FILE 'USPAT2' ENTERED AT 12:21:30 ON 18 MAY 2005

L11 91 S TATAAC? AND (GLUTAMA?(S)DEHYDROGENAS? OR CITRAT?(S)SYNTH? OR

L12 17 S L1 AND (CORYNEF? OR CORYNEBACT? OR GLUTAMICU?)

L13 17 DUP REM L12 (0 DUPLICATES REMOVED)

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1652dmr

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	2	"Ask CAS" for self-help around the clock
NEWS	3 FEB 25	CA/CAPLUS - Russian Agency for Patents and Trademarks (ROSPATENT) added to list of core patent offices covered
NEWS	4 FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS	5 FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	6 FEB 28	MEDLINE/LMEDLINE reloaded
NEWS	7 MAR 02	GBFULL: New full-text patent database on STN
NEWS	8 MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	9 MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	10 MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	11 MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	12 MAR 22	PATDPASPC - New patent database available
NEWS	13 MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	14 APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	15 APR 04	EMBASE - Database reloaded and enhanced
NEWS	16 APR 18	New CAS Information Use Policies available online
NEWS	17 APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAPLUS and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	18 APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAPLUS
NEWS EXPRESS	JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005	
NEWS HOURS	STN Operating Hours Plus Help Desk Availability	
NEWS INTER	General Internet Information	
NEWS LOGIN	Welcome Banner and News Items	
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN	
NEWS WWW	CAS World Wide Web Site (general information)	

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:31:43 ON 18 MAY 2005

=> file registry
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.84	0.84

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 12:34:02 ON 18 MAY 2005
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 17 MAY 2005 HIGHEST RN 850605-77-5
DICTIONARY FILE UPDATES: 17 MAY 2005 HIGHEST RN 850605-77-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s tataac/sqsn
L1 4352620 TATAAC/SQSN

=> s l1 and (glutamat?(s)dehydrogen? or citrat?(s)synth? or
isocitra?(s)dehydrogenas? or pyruva?(s)dehydrogenas? or aconitas?)
10692 GLUTAMAT?
56753 DEHYDROGEN?
641 GLUTAMAT?(S)DEHYDROGEN?
5173 CITRAT?
140336 SYNTH?
651 CITRAT?(S)SYNTH?
919 ISOCITRA?
56721 DEHYDROGENAS?
690 ISOCITRA?(S)DEHYDROGENAS?
6685 PYRUVA?
56721 DEHYDROGENAS?
942 PYRUVA?(S)DEHYDROGENAS?
128 ACONITAS?
L2 122 L1 AND (GLUTAMAT?(S)DEHYDROGEN? OR CITRAT?(S)SYNTH? OR ISOCITRA?
(S)DEHYDROGENAS? OR PYRUVA?(S)DEHYDROGENAS? OR ACONITAS?)

=> s l2 and (corynef? or corynebact? or glutamicum? or brevibac? or anthrobact? or
actinomyc? or bacter?)
33 CORYNEF?

19652 CORYNEBACT?
 12036 GLUTAMICUM?
 664 BREVIBAC?
 1 ANTHROBACT?
 1655 ACTINOMYC?
 107934 BACTER?
 L3 3 L2 AND (CORYNEF? OR CORYNEBACT? OR GLUTAMICUM? OR BREVIBAC? OR
 ANTHROBACT? OR ACTINOMYC? OR BACTER?)

=> d ti l3 1-3
 'TI' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual
 fields or predefined formats. The predefined substance formats
 are: (RN = CAS Registry Number)

REG - RN
 SAM - Index Name, MF, and structure - no RN
 FIDE - All substance data, except sequence data
 IDE - FIDE, but only 50 names
 SQIDE - IDE, plus sequence data
 SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
 SQD - Protein sequence data, includes RN
 SQD3 - Same as SQD, but 3-letter amino acid codes are used
 SQN - Protein sequence name information, includes RN

CALC - Table of calculated properties
 EPROP - Table of experimental properties
 PROP - EPROP and CALC

Any CA File format may be combined with any substance format to
 obtain CA references citing the substance. The substance formats
 must be cited first. The CA File predefined formats are:

ABS -- Abstract
 APPS -- Application and Priority Information
 BIB -- CA Accession Number, plus Bibliographic Data
 CAN -- CA Accession Number
 CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
 IND -- Index Data
 IPC -- International Patent Classification
 PATS -- PI, SO
 STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
 IBIB -- BIB, indented, with text labels
 ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)
 OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
 SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when
 it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented,
 with text labels.

For additional information, please consult the following help
 messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):ide

L3 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2005 ACS on STN
RN 658658-13-0 REGISTRY
ED Entered STN: 04 Mar 2004
CN **DNA (symbiont bacterium of Paederus fuscipes putative isocitrate dehydrogenase kinase/phosphatase gene plus putative dioxygenase gene plus gene pedA plus gene pedB plus gene pedC plus gene pedD plus gene pedE plus gene pedF plus gene pedG plus gene pedH plus putative acyl carrier protein gene plus putative DNA helicase gene plus protein gene plus putative RNA methylase gene plus protein gene plus putative aldehyde dehydrogenase gene fragment) (9CI) (CA INDEX NAME)**

OTHER NAMES:

CN GenBank AY059471 (Secondary GenBank Accession Number)
CN GenBank AY328023
FS NUCLEIC ACID SEQUENCE
MF Unspecified
CI MAN
SR GenBank
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2005 ACS on STN
RN 503491-65-4 REGISTRY
ED Entered STN: 18 Apr 2003
CN **DNA (synthetic Mycobacterium genitalium-derived glycolysis, pyruvate dehydrogenase, and pentose phosphate pathway gene cluster) (9CI) (CA INDEX NAME)**

OTHER NAMES:

CN 8: PN: WO03025145 SEQID: 8 claimed DNA
FS NUCLEIC ACID SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2005 ACS on STN
RN 197201-87-9 REGISTRY
ED Entered STN: 12 Nov 1997
CN **DNA (psychrophilic bacterium strain DS2-3R citrate synthase gene plus flanks) (9CI) (CA INDEX NAME)**

OTHER NAMES:

CN GenBank U85944
FS NUCLEIC ACID SEQUENCE
MF Unspecified
CI MAN
SR GenBank
LC STN Files: CA, CAPLUS, GENBANK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d his

(FILE 'HOME' ENTERED AT 12:31:43 ON 18 MAY 2005)

FILE 'REGISTRY' ENTERED AT 12:34:02 ON 18 MAY 2005

L1 4352620 S TATAAC/SQSN
L2 122 S L1 AND (GLUTAMAT?(S)DEHYDROGEN? OR CITRAT?(S)SYNTH? OR ISOCIT
L3 3 S L2 AND (CORYNEF? OR CORYNEBACT? OR GLUTAMICUM? OR BREVIBAC? O

=> log h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	110.92	111.76

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 12:40:03 ON 18 MAY 2005